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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/990,940

DATE: 03/06/2002 P.5
TIME: 12:49:17

Input Set : A:\-74-1.app

Output Set: N:\CRF3\03062002\I990940.raw

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3 <110> APPLICANT: Tian, Hui
4      Zhao, Jiagang
5      Chen, Jin-Long
6      Cutler, Gene
7      An, Songzhu
8      Dai, Kang
9      Gupte, Jamila S.
10     Tularik Inc.
12 <120> TITLE OF INVENTION: Novel Receptors
14 <130> FILE REFERENCE: 018781-007410US
16 <140> CURRENT APPLICATION NUMBER: US 09/990,940
17 <141> CURRENT FILING DATE: 2001-11-21
19 <150> PRIOR APPLICATION NUMBER: US 60/252,841
20 <151> PRIOR FILING DATE: 2000-11-22
22 <150> PRIOR APPLICATION NUMBER: US 60/257,636
23 <151> PRIOR FILING DATE: 2000-12-22
25 <150> PRIOR APPLICATION NUMBER: US 60/261,377
26 <151> PRIOR FILING DATE: 2001-01-12
28 <150> PRIOR APPLICATION NUMBER: US 60/279,554
29 <151> PRIOR FILING DATE: 2001-03-28
31 <150> PRIOR APPLICATION NUMBER: US 60/280,696
32 <151> PRIOR FILING DATE: 2001-03-29
34 <160> NUMBER OF SEQ ID NOS: 54
36 <170> SOFTWARE: PatentIn Ver. 2.1
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84 Asp Thr Val Ile Leu Pro Ser Met Ile Gly Ile Ile Cys Ser Thr Gly
85 35 40 45
86 Leu Val Gly Asn Ile Leu Ile Val Phe Thr Ile Ile Arg Ser Arg Lys
87 50 55 60
88 Lys Thr Val Pro Asp Ile Tyr Ile Cys Asn Leu Ala Val Ala Asp Leu
89 65 70 75 80
90 Val His Ile Val Gly Met Pro Phe Leu Ile His Gln Trp Ala Arg Gly
91 85 90 95
92 Gly Glu Trp Val Phe Gly Gly Pro Leu Cys Thr Ile Ile Thr Ser Leu
93 100 105 110
94 Asp Thr Cys Asn Gln Phe Ala Cys Ser Ala Ile Met Thr Val Met Ser
95 115 120 125
96 Val Asp Arg Tyr Phe Ala Leu Val Gln Pro Phe Arg Leu Thr Arg Trp
97 130 135 140
98 Arg Thr Arg Tyr Lys Thr Ile Arg Ile Asn Leu Gly Leu Trp Ala Ala
99 145 150 155 160
100 Ser Phe Ile Leu Ala Leu Pro Val Trp Val Tyr Ser Lys Val Ile Lys
101 165 170 175
102 Phe Lys Asp Gly Val Glu Ser Cys Ala Phe Asp Leu Thr Ser Pro Asp
103 180 185 190
104 Asp Val Leu Trp Tyr Thr Leu Tyr Leu Thr Ile Thr Thr Phe Phe Phe
105 195 200 205
106 Pro Leu Pro Leu Ile Leu Val Cys Tyr Ile Leu Ile Leu Cys Tyr Thr
107 210 215 220
108 Trp Glu Met Tyr Gln Gln Asn Lys Asp Ala Arg Cys Cys Asn Pro Ser
109 225 230 235 240
110 Val Pro Lys Gln Arg Val Met Lys Leu Thr Lys Met Val Leu Val Leu
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115           275           280           285
116 Tyr Leu Ser Ile Cys Leu Ser Tyr Ala Ser Ser Ser Ile Asn Pro Phe
117           290           295           300
118 Leu Tyr Ile Leu Leu Ser Gly Asn Phe Gln Lys Arg Leu Pro Gln Ile
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139 ggctgtgtct acaacgcctt gctgggtgtg gccaacctac acagcaaggc cagcatgacc 180
140 atgccggaag tgtactttgt caacatggca gtggcaggcc tgggtgtcag cgcctggcc 240
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173 Tyr Phe Val Asn Met Ala Val Ala Gly Leu Val Leu Ser Ala Leu Ala
174           65                      70                      75                      80
175 Pro Val His Leu Leu Gly Pro Pro Ser Ser Arg Trp Ala Leu Trp Ser
176           85                      90                      95
177 Val Gly Gly Glu Val His Val Ala Leu Gln Ile Pro Phe Asn Val Ser
178           100                     105                     110
179 Ser Leu Val Ala Met Tyr Ser Thr Ala Leu Leu Ser Leu Asp His Tyr
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181 Ile Glu Arg Ala Leu Pro Arg Thr Tyr Met Ala Ser Val Tyr Asn Thr
182           130                     135                     140
183 Arg His Val Cys Gly Phe Val Trp Gly Gly Ala Leu Leu Thr Ser Phe
184           145                     150                     155                     160
185 Ser Ser Leu Leu Phe Tyr Ile Cys Ser His Val Ser Thr Arg Ala Leu
186           165                     170                     175
187 Glu Cys Ala Lys Met Gln Asn Ala Glu Ala Ala Asp Ala Thr Leu Val
188           180                     185                     190
189 Phe Ile Gly Tyr Val Val Pro Ala Leu Ala Thr Leu Tyr Ala Leu Val
190           195                     200                     205
191 Leu Leu Ser Arg Val Arg Arg Glu Asp Thr Pro Leu Asp Arg Asp Thr
192           210                     215                     220
193 Gly Arg Leu Glu Pro Ser Ala His Arg Leu Leu Val Ala Thr Val Cys
194           225                     230                     235                     240
195 Thr Gln Phe Gly Leu Trp Thr Pro His Tyr Leu Ile Leu Leu Gly His
196           245                     250                     255
197 Thr Val Ile Ile Ser Arg Gly Lys Pro Val Asp Ala His Tyr Leu Gly
198           260                     265                     270
199 Leu Leu His Phe Val Lys Asp Phe Ser Lys Leu Leu Ala Phe Ser Ser
200           275                     280                     285
201 Ser Phe Val Thr Pro Leu Leu Tyr Arg Tyr Met Asn Gln Ser Phe Pro
202           290                     295                     300
203 Ser Lys Leu Gln Arg Leu Met Lys Lys Leu Pro Cys Gly Asp Arg His
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224 aacatcttta tctgctcctt ggcgctcagt gacctgctca tcaccttctt ctgcattccc 300
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227 gtggaaaggc accagggact tgtgcatcct tttaaaatga agtggcaata caccaaccga 480
228 agggctttca caatgctagg tgtggtctgg ctggtggcag tcactgtagg atcacccatg 540
229 tggcacgtgc aacaacttga gatcaaatat gacttcctat atgaaaagga acacatctgc 600
230 tgcttagaag agtggaccag ccctgtgcac cagaagatct acaccacctt catccttgct 660
231 atcctcttcc tctgcctct tatggtgatg cttattctgt acagtaaaat tggttatgaa 720
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233 atgtccaaaa tagccaggaa gaagaaacga gctgtcatta tgatggtgac agtgggtggt 840
234 ctctttgctg tgtgtggtgg accattccat gttgtccata tgatgattga atacagtaat 900
235 ttgaaaagg aatatgatga tgtcacaatc aagatgattt ttgctatcgt gcaaattatt 960
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238 aggcattgaa attcaggaat tacaatgatg cggaagaaag caaagttttc cctcagagag 1140
239 aatccagtgg aggaaaccaa aggagaagca ttcagtgatg gcaacattga agtcaaattg 1200
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258 35 40 45
259 Val Leu Thr Gly Val Leu Ile Phe Ala Leu Ala Leu Phe Gly Asn Ala
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261 Leu Val Phe Tyr Val Val Thr Arg Ser Lys Ala Met Arg Thr Val Thr
262 65 70 75 80
263 Asn Ile Phe Ile Cys Ser Leu Ala Leu Ser Asp Leu Leu Ile Thr Phe
264 85 90 95
265 Phe Cys Ile Pro Val Thr Met Leu Gln Asn Ile Ser Asp Asn Trp Leu
266 100 105 110
267 Gly Gly Ala Phe Ile Cys Lys Met Val Pro Phe Val Gln Ser Thr Ala
268 115 120 125
269 Val Val Thr Glu Ile Leu Thr Met Thr Cys Ile Ala Val Glu Arg His
270 130 135 140
271 Gln Gly Leu Val His Pro Phe Lys Met Lys Trp Gln Tyr Thr Asn Arg
272 145 150 155 160
273 Arg Ala Phe Thr Met Leu Gly Val Val Trp Leu Val Ala Val Ile Val
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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/990,940

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Input Set : A:\-74-1.app

Output Set: N:\CRF3\03062002\I990940.raw

L:848 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:18, CDS LOCATION: (1)..
(1302)

L:1467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51

L:1515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54